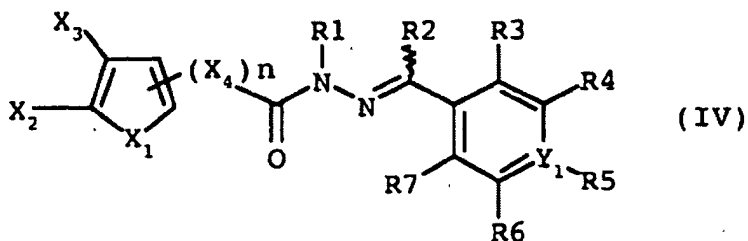


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A compound with the following general formula (IV):



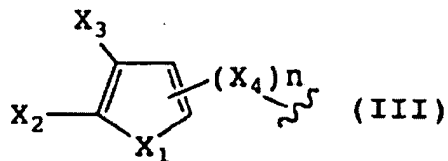
in which:

R<sub>1</sub> and R<sub>2</sub>, identical or different, are selected from the group consisting of: a hydrogen atom, and a linear or branched lower alkyl radical of 1 to 6 carbon atoms, ~~and a fluoroalkyl radical of 1 to 9 carbon atoms and of 3 to 7 fluoride atoms;~~

Y<sub>1</sub> is a carbon atom in order to form a phenyl nucleus;

R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub> and R<sub>7</sub>, either identical or different, are selected from the group consisting of: an atom of hydrogen, an atom of halogen, a group of formula -OH, -OR<sub>8</sub> or -OCOR<sub>9</sub>, in which R<sub>8</sub> and R<sub>9</sub> represent a linear or branched lower alkyl radical of 1 to 6 carbons, and an amino group -NH<sub>2</sub>;

X<sub>1</sub> is a sulphur atom and formula (III)



is a 2-thiophene nucleus as a function of the position of the chain  $-(X_4)_n$ -acyl-hydrazide on the  $\alpha$  carbon;

X<sub>2</sub> and X<sub>3</sub>, either identical or different, are selected from the group consisting of: a hydrogen atom, a linear or branched lower alkyl chain of 1 to 6 carbon atoms, a fluoroalkyl radical with 1 to 6 carbon atoms and 3 to 7 fluoride atoms, a halogen atom, a nitro -NO<sub>2</sub> group, and an amino -NH<sub>2</sub> group, or

X<sub>2</sub> and X<sub>3</sub> are included in an aromatic benzenic cycle in order to form a benzothiophene nucleus either free or substituted as above; and

n is 0 ~~+~~ and.

2-5. (cancelled)

6. (previously presented) The compound according to claim 1, wherein formula IV is defined such that the compound is selected from the group consisting of:

N'-[(1E)-(2-hydroxy-4,6-dimethoxyphenyl)methylene]-1-benzothiophene-2-carbohydrazide,

N'-[(1E)-(2-hydroxy-4,6-dimethoxyphenyl)methylene]-5-methylthiophene-2-carbohydrazide, and

benzo[b]thiophene-2-carboxylic acid (3,5-dibromo-2-hydroxy-benzylidene)-hydrazide.

7. (previously presented) The compound according to claim 1, wherein formula (IV) is defined such that the compound is N'-[(1E)-(2-hydroxy-4,6 dimethoxyphenyl)methylene]-1-benzothiophene-2-carbohydrazide.

8-13. (cancelled)

14. (previously presented) A salt of a compound according to claim 1 with a pharmaceutically acceptable acid.

15. (previously presented) A pharmaceutical composition comprising as an active agent at least one compound according to claim 1.

16. (currently amended) The composition according to claim 15, wherein the at least one compound is active with respect to treatment ~~and/or prevention~~ of diseases associated with lipid metabolism disorders.

17. (currently amended) The composition according to claim 15, wherein the at least one compound is active with respect to treatment ~~and/or prevention~~ of cardiovascular diseases.

18. (currently amended) The composition according to claim 15, wherein the at least one compound is active with respect to treatment ~~and/or prevention~~ of a disease selected from the group consisting of atherosclerosis, arterial restenosis, obesity, type II diabetes mellitus, cerebral ischaemia, hepatic steatosis, hypercholesterolaemia, hypertriglyceridaemia, ~~dyslipoproteinaemia~~, hylomicronaemia, ~~lipodystrophy~~, hyperglycaemia and atherosclerosis.

19. (cancelled)